

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**5. Lease Serial No.
NMNM98122

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
892000276B8. Well Name and No.
SKELLY UNIT 9359. API Well No.
30-015-31977-00-S110. Field and Pool, or Exploratory
FREN11. County or Parish, and State
EDDY COUNTY, NM

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
CHEVRON USA INCORPORATEDContact: CINDY H MURILLO
E-Mail: Cherreramurillo@chevron.com3a. Address
15 SMITH ROAD
MIDLAND, TX 797053b. Phone No. (include area code)
Ph: 575-263-0431
Fx: 575-391-6679

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 21 T17S R31E NENE 990FNL 990FEL

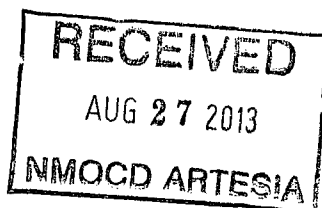
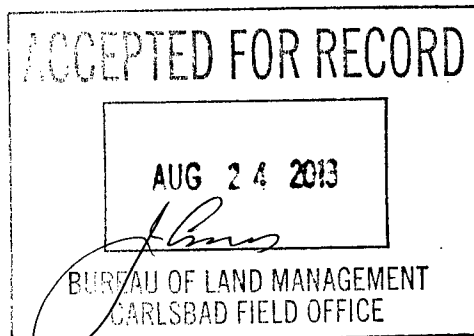
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input checked="" type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Chevron has completed the fracturing for the above well.

Please find attached the Hydraulic Fracturing procedure for the above subject well.



14. I hereby certify that the foregoing is true and correct.

Electronic Submission #217873 verified by the BLM Well Information System
For CHEVRON USA INCORPORATED, sent to the Carlsbad
Committed to AFMSS for processing by JOHNNY DICKERSON on 08/22/2013 (13JLD1225SE)

Name (Printed/Typed) CINDY H MURILLO

Title PERMITTING SPECIALIST

Signature (Electronic Submission)

Date 08/22/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By **ACCEPTED**JAMES A AMOS
Title SUPERVISOR EPS

Date 08/24/2013

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Carlsbad

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Revisions to Operator-Submitted EC Data for Sundry Notice #217873

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	FRAC SR	FRAC SR
Lease:	NMNM98122	NMNM98122
Agreement:		892000276B (NMNM71030C)
Operator:	CHEVRON USA INC 15 SMITH RD MIDLAND, TX 79705 Ph: 432-687-7375	CHEVRON USA INCORPORATED 15 SMITH ROAD MIDLAND, TX 79705 Ph: 432 685 4332
Admin Contact:	CINDY H MURILLO PERMITTING SPECIALIST E-Mail: Cherreramurillo@chevron.com Ph: 575-263-0431 Fx: 575-391-6679	CINDY H MURILLO PERMITTING SPECIALIST E-Mail: Cherreramurillo@chevron.com Ph: 575-263-0431 Fx: 575-391-6679
Tech Contact:	CINDY H MURILLO PERMITTING SPECIALIST E-Mail: Cherreramurillo@chevron.com Ph: 575-263-0431 Fx: 575-391-6679	CINDY H MURILLO PERMITTING SPECIALIST E-Mail: Cherreramurillo@chevron.com Ph: 575-263-0431 Fx: 575-391-6679
Location:		
State:	NM	NM
County:	EDDY	EDDY
Field/Pool:	FREN PADDOCK YESO	FREN
Well/Facility:	SKELLY UNIT 935 Sec 21 T17S R31E 990FSL 990FEL	SKELLY UNIT 935 Sec 21 T17S R31E NENE 990FNL 990FEL

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	7/27/2013
Job End Date:	7/27/2013
State:	New Mexico
County:	Eddy
API Number:	30-015-31977-00-00
Operator Name:	Chevron USA Inc.
Well Name and Number:	Skelly Unit 935
Longitude:	-103.86971000
Latitude:	32.82321000
Datum:	NAD27
Federal/Tribal Well:	NO
True Vertical Depth:	5,120
Total Base Water Volume (gal):	104,328
Total Base Non Water Volume:	0



Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Water	Operator	Carrier	Water	7732-18-5	100.00000	83.54588	
Sand, White, 16/30	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100.00000	11.10275	
HCl, 10:1-15%	Baker Hughes	Acidizing	Water	7732-18-5	85.00000	1.57846	SmartCare Product
			Hydrochloric Acid	7647-01-0	15.00000	0.27855	SmartCare Product
SiberProp, 16/30	Baker Hughes	Proppant	Quartz (SiO2)	14808-60-7	100.00000	1.50022	
GW-4LDF	Baker Hughes	Gelling Agent	Petroleum Distillate Blend	64742-47-8	70.00000	0.38089	SmartCare Product
			Petroleum Distillate Blend	64742-55-8	70.00000	0.38089	SmartCare Product
			Guar Gum	9000-30-0	60.00000	0.32648	SmartCare Product
XLW-10A	Baker Hughes	Crosslinker	Ethylene Glycol	107-21-1	30.00000	0.04568	
			Sodium Tetraborate Decahydrate	1303-96-4	30.00000	0.04568	
			Sodium Hydroxide	1310-73-2	10.00000	0.01523	
InFlo 250G, 330 gl tote	Baker Hughes	Surfactant	Mixture of Surfactants	Trade Secret	50.00000	0.04004	

			Methanol	67-56-1	30.00000	0.02402	
			Water	7732-18-5	30.00000	0.02402	
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier					
			Mixture of Surfactants	Trade Secret	50.00000	0.04686	
			Propylene Glycol	57-55-6	30.00000	0.02812	
Activator, 330 gal/tote	Baker Hughes	Activator					
			Alcohols, C12-14-Secondary, Ethoxylated	84133-50-6	70.00000	0.03506	
			Methanol	67-56-1	50.00000	0.02504	
EnZyme G HpH-II	Baker Hughes	Breaker					
			Non-hazardous Ingredients	N/A	100.00000	0.04886	
Scaletrol 721, tote	Baker Hughes	Scale Inhibitor					
			Synthetic Polymer	Trade Secret	15.00000	0.00947	
			Ethylene Glycol	107-21-1	15.00000	0.00947	
			Diethylene Glycol	111-46-6	1.00000	0.00063	
Ferrotrol 280L	Baker Hughes	Iron Control					
			2-Mercaptoethanol	60-24-2	100.00000	0.01587	
			Ammonium Hydroxide	1336-21-6	5.00000	0.00079	
			Cupric Chloride	7447-39-4	5.00000	0.00079	
BioSealers MR	Baker Hughes	Degradable Sealers					
			Non-Hazardous Ingredient	Trade Secret	100.00000	0.01056	
X-Cide 207	Baker Hughes	Biocide					
			Diatomaceous Earth, Calcined	91053-39-3	60.00000	0.00265	
			5-Chloro-2-Methyl-4-Isothiazolin-3-One	26172-55-4	10.00000	0.00044	
			Magnesium Nitrate	10377-60-3	10.00000	0.00044	
			Magnesium Chloride	7786-30-3	5.00000	0.00022	
			2-Methyl-4-Isothiazolin-3-One	2682-20-4	5.00000	0.00022	
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1.00000	0.00004	
			Crystalline Silica: Cristobalite	14464-46-1	1.00000	0.00004	
CI-27	Baker Hughes	Corrosion Inhibitor					
			Methanol	67-56-1	60.00000	0.00128	SmartCare Product
			Fatty Acids	Trade Secret	30.00000	0.00064	SmartCare Product
			Polyoxyalkylenes	Trade Secret	30.00000	0.00064	SmartCare Product
			Thiourea Polymer	68527-49-1	30.00000	0.00064	SmartCare Product
			Propargyl Alcohol	107-19-7	10.00000	0.00021	SmartCare Product
			Olefin	Trade Secret	5.00000	0.00011	SmartCare Product
FRW-18	Baker Hughes	Friction Reducer					
			Petroleum Distillates	64742-47-8	30.00000	0.00102	SmartCare Product
NE-23, 55 gallon drum	Baker Hughes	Non-emulsifier					
			Isopropanol	67-63-0	30.00000	0.00074	
GBW-5	Baker Hughes	Breaker					
			Ammonium Phosphate	7727-54-0	100.00000	0.00048	SmartCare Product
Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.							
		Other Chemicals					

		Water	7732-18-5		0.07879
		Olefin Sulfonate	Trade Secret		0.00147
		Tryptone	73049-73-7		0.00147
		Poly (acrylamide-co-acrylic acid)	Trade Secret		0.00102
		Sodium Chloride	7647-14-5		0.00099
		Glycerol	56-81-5		0.00098
		Yeast Extract	8013-01-2		0.00098
		Quaternary Amine Compounds	Trade Secret		0.00074
		Ampicillin	69-53-4		0.00049
		Lactose	9004-34-6		0.00049
		Enzyme	37288-54-3		0.00049
		Polyester	Trade Secret		0.00037
		Sorbitan Monooleate	Trade Secret		0.00017
		Salt	Trade Secret		0.00017
		Ethoxylated Nonylphenol	9016-45-9		0.00012
		Glycol Ether	Trade Secret		0.00012
		Ethoxylated Alcohol	Trade Secret		0.00007
		Benzyl Chloride	100-44-7		0.00002
		Formaldehyde	50-00-0		0.00001
		Polyacrylate	111560-38-4		
		Maleic Anhydride Terpolymer	113221-69-5		
		Sodium Carboxylate	18016-19-8		

* Total Water Volume sources may include fresh water, produced water, and/or recycled water

** Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.

Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)